LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	12	17	29	rVB3	169540	294728	3.55%	0.823%
2	2.172	68	74	83	rBV	291216	499674	6.02%	1.395%
3	2.842	177	184	194	rBV2	37087	86973	1.05%	0.243%
4	4.610	461	474	499	rBV4	29341	145019	1.75%	0.405%
5	7.634	959	970	975	rBV2	245048	606407	7.31%	1.693%
6	7.707	975	982	993	rVB	435905	1042268	12.56%	2.909%
7	8.073	1031	1042	1054	rBV3	693973	1807379	21.79%	5.045%
8	8.609	1122	1130	1140	rBV	666433	1339352	16.15%	3.739%
9	9.109	1200	1212	1218	rBV	86929	193372	2.33%	0.540%
10	9.999	1351	1358	1367	rBV	58149	102807	1.24%	0.287%
11	10.103	1367	1375	1381	rVV	1054362	1846663	22.26%	5.155%
12	10.170	1381	1386	1394	rVV	1120085	1881361	22.68%	5.251%
13	10.298	1398	1407	1414	rVB2	50813	102083	1.23%	0.285%
14	11.414	1583	1590	1597	rBV	938678	1526020	18.40%	4.260%
15	11.517	1602	1607	1615	rVB	200399	312579	3.77%	0.872%
16	11.621	1616	1624	1636	rVV	978853	1781616	21.48%	4.973%
17	11.956	1666	1679	1689	rBV2	850054	1565828	18.88%	4.371%
18	12.408	1747	1753	1758	rBV	640540	998548	12.04%	2.787%
19	12.597	1776	1784	1788	rVB	48307	83463	1.01%	0.233%
20	12.657	1788	1794	1797	rBV	234908	352822	4.25%	0.985%
21	12.688	1797	1799	1802	rVV	101080	140911	1.70%	0.393%
22	12.737	1802	1807	1813	rVB2	414720	649340	7.83%	1.812%
23	12.895	1826	1833	1841	rBV	143583	256976	3.10%	0.717%
24	13.042	1849	1857	1862	rBV	768647	1168110	14.08%	3.261%
25	13.090	1862	1865	1870	rVB	76481	104085	1.25%	0.291%
26	13.346	1900	1907	1910	rBV	697261	1176154	14.18%	3.283%
27	13.377	1910	1912	1917	rVV2	490412	634298	7.65%	1.771%
28	13.548	1931	1940	1943	rVV	140893	240668	2.90%	0.672%
29	13.584	1943	1946	1953	rVV2	116293	181581	2.19%	0.507%
30	13.676	1956	1961	1964	rVV	180132	261405	3.15%	0.730%
31	13.724	1964	1969	1975	rVV2	393129	649716	7.83%	1.814%
32	13.798	1976	1981	1984	rVV2	88188	185165	2.23%	0.517%
33	13.834	1985	1987	1992	rVV	92134	126517	1.53%	0.353%
34	13.889	1992	1996	2001	rVB2	107700	162094	1.95%	0.452%
35	13.999	2009	2014	2018	rBV4	72066	115769	1.40%	0.323%
36	14.163	2038	2041	2046	rVV	73375	118665	1.43%	0.331%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

37	14.255	2052	2056	2060	rVV	79111	110439	1.33%	0.308%
38	14.304	2060	2064	2073	rVB4	56738	141405	1.70%	0.395%
39	14.529	2097	2101	2106	rVB	176222	247879	2.99%	0.692%
40	14.590	2106	2111	2117	rBV3	136823	288569	3.48%	0.805%
41	14.651	2117	2121	2128	rVB3	61417	120899	1.46%	0.337%
42	15.139	2192	2201	2210	rBV	5059098	8295116	100.00%	23.154%
43	15.236	2212	2217	2223	rVB	124541	228503	2.75%	0.638%
44	15.340	2230	2234	2242	rVB	179040	262949	3.17%	0.734%
45	15.907	2322	2327	2334	rVB	56575	107536	1.30%	0.300%
46	16.175	2364	2371	2377	rBV	823715	1542129	18.59%	4.305%
47	16.242	2377	2382	2388	rVB	298930	466719	5.63%	1.303%
48	16.364	2394	2402	2416	rBV	531835	1162200	14.01%	3.244%
49	16.742	2458	2464	2469	rBV5	43275	110991	1.34%	0.310%

Sum of corrected areas: 35825750

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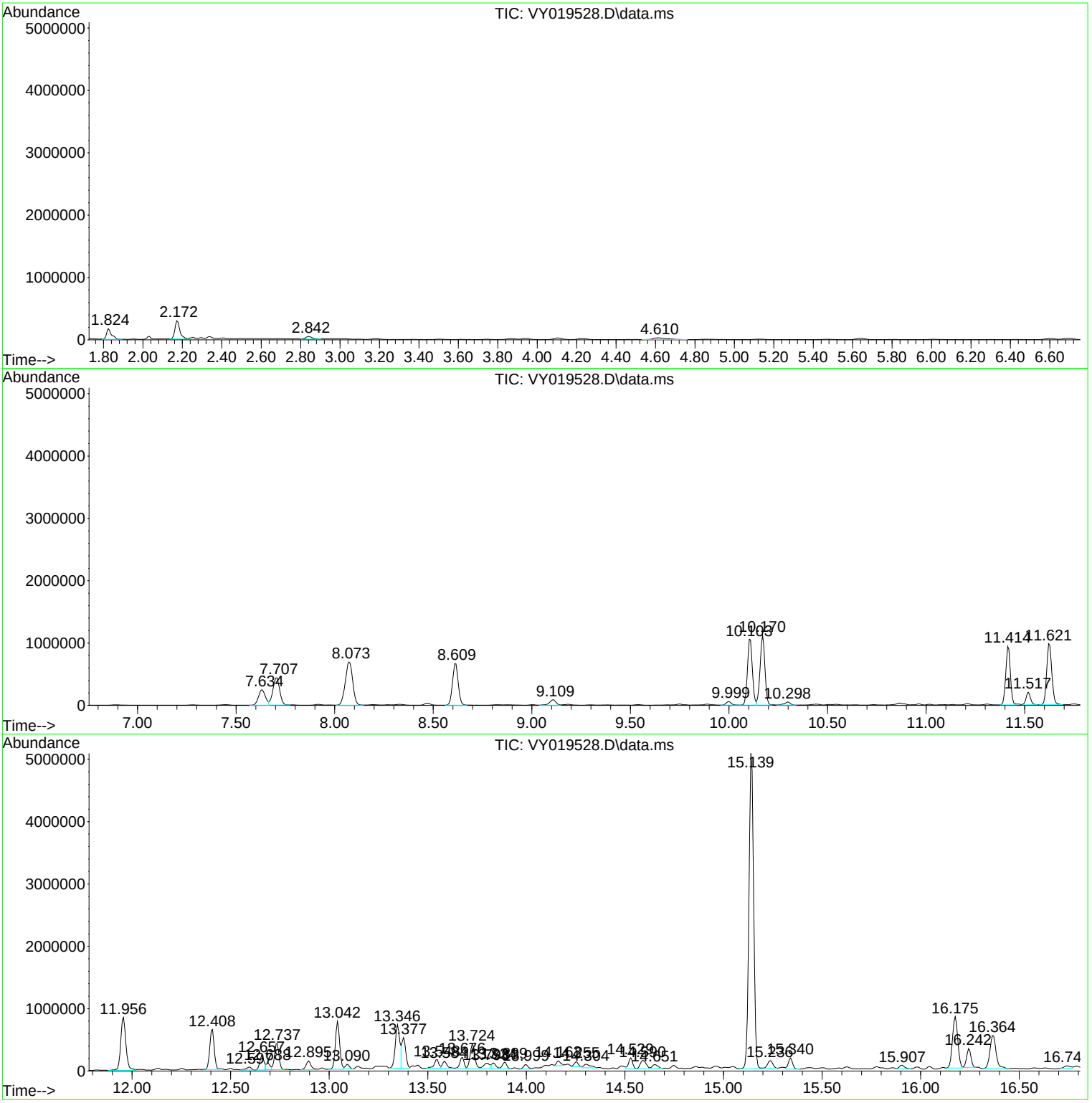
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
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Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

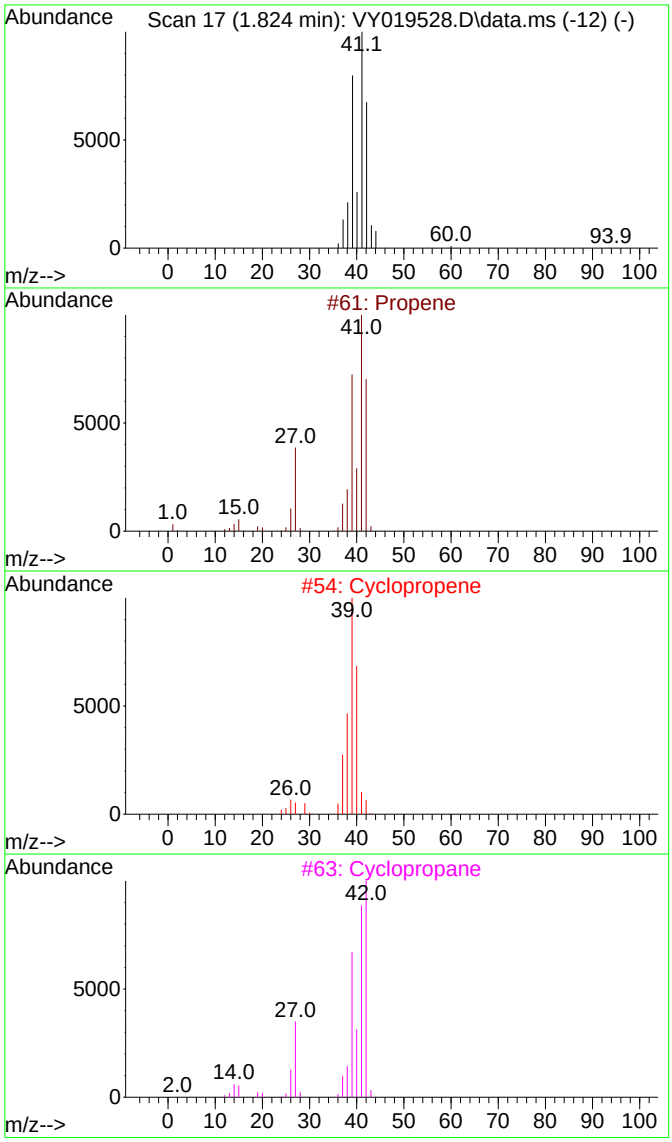
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

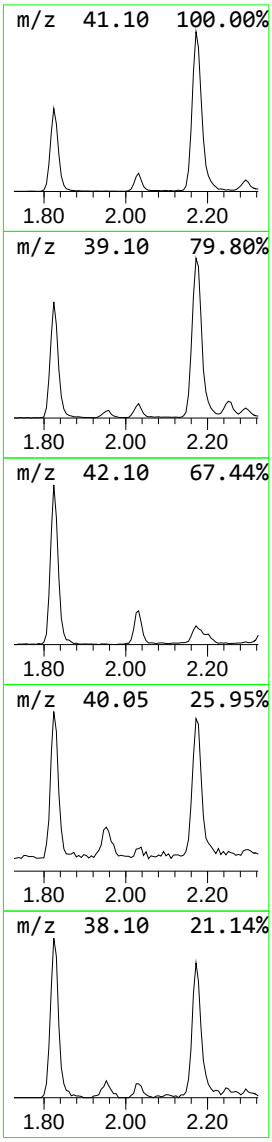
****

Peak Number 1 Propene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.824	14.14 ug/l	294728	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropene	40	C3H4	002781-85-3	9
3	Cyclopropane	42	C3H6	000075-19-4	9
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	Methylenecyclopropane	54	C4H6	006142-73-0	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

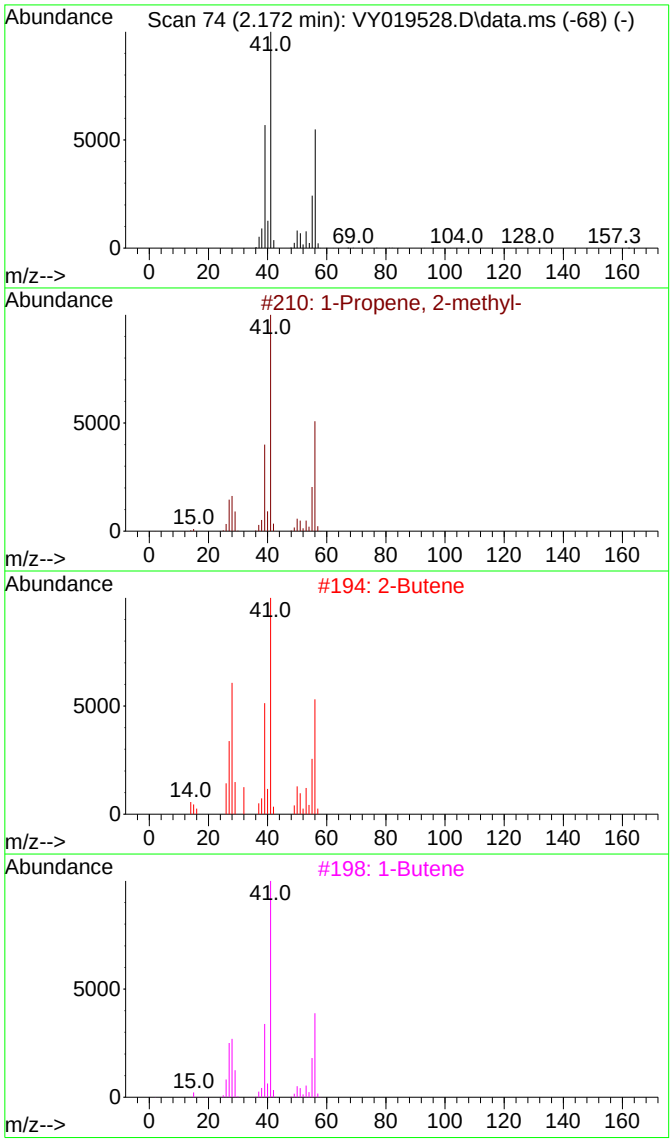
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

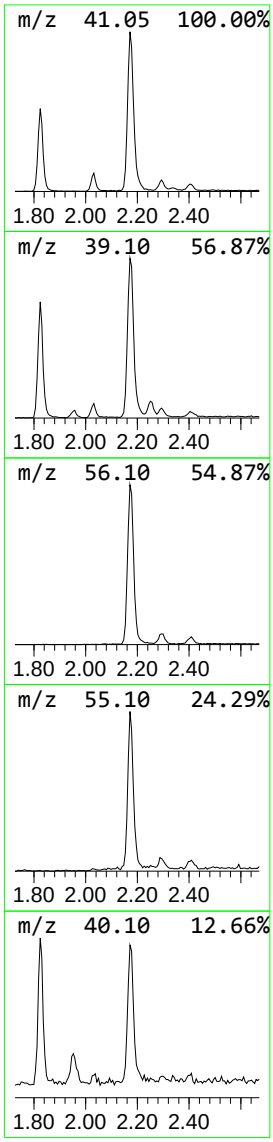
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.172	23.97 ug/l	499674	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	91
2	2-Butene	56	C4H8	000107-01-7	80
3	1-Butene	56	C4H8	000106-98-9	52
4	Cyclobutane	56	C4H8	000287-23-0	49
5	2-Butene, (Z)-	56	C4H8	000590-18-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

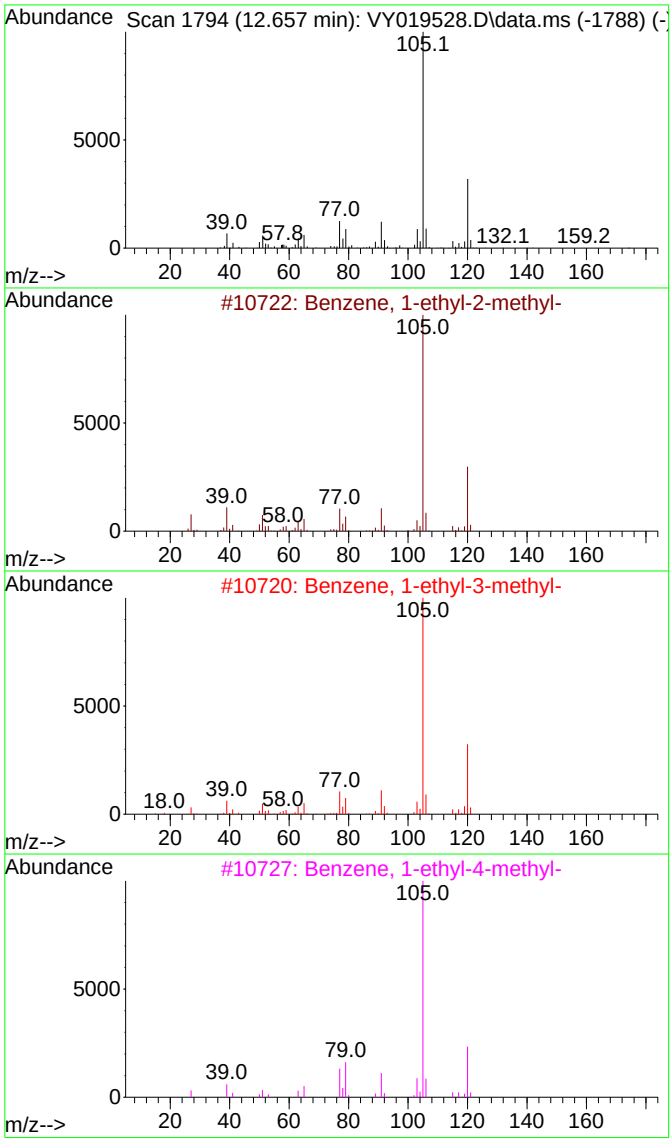
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

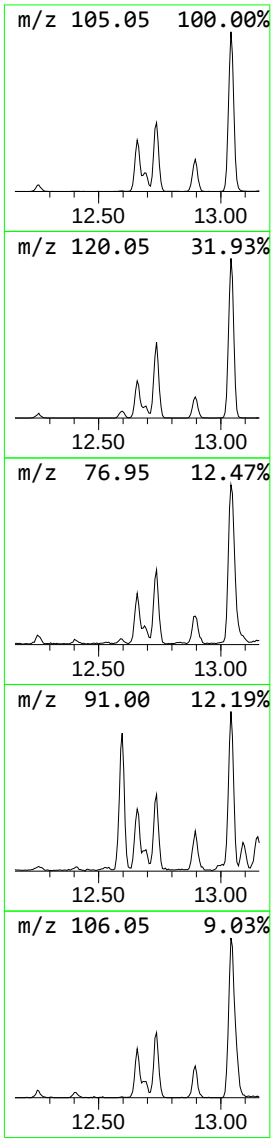
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	15.00 ug/l	352822	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

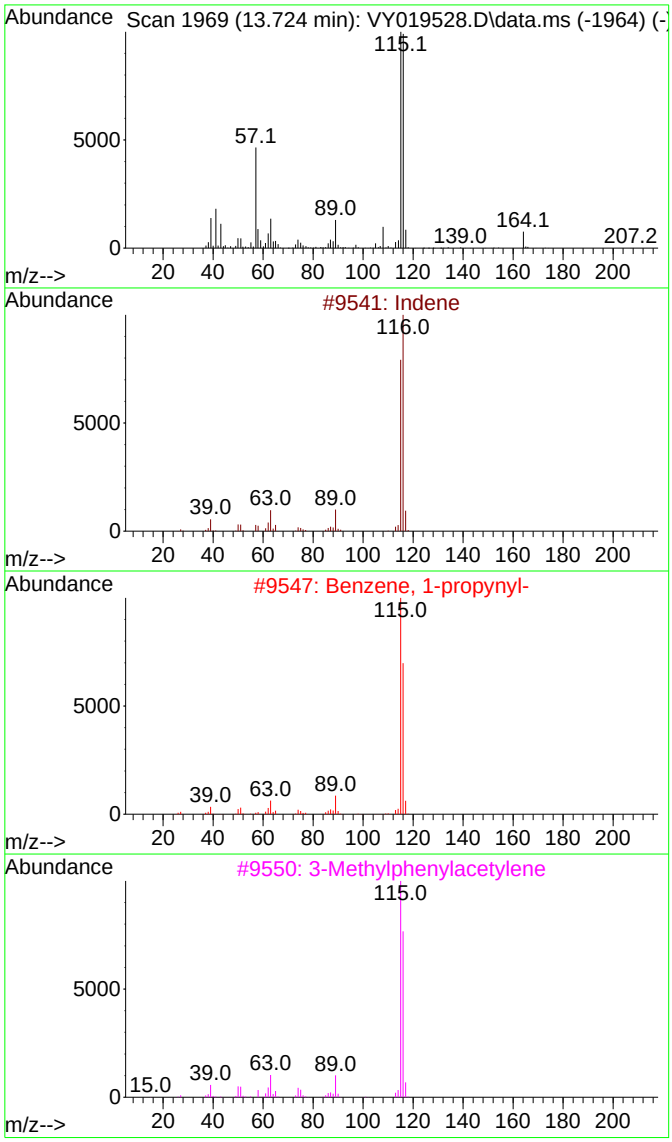
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

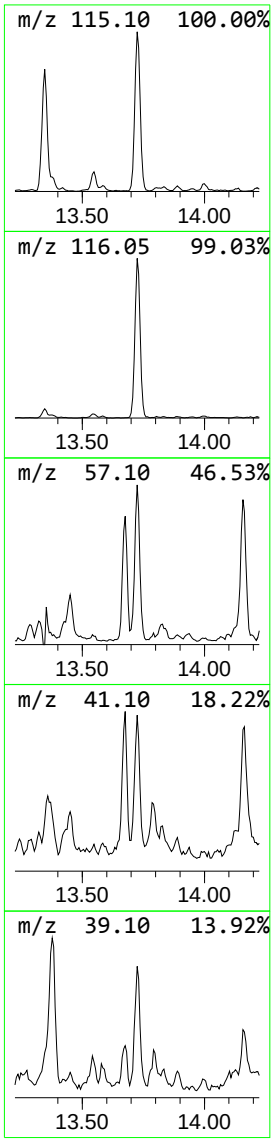
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	27.62 ug/l	649716	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

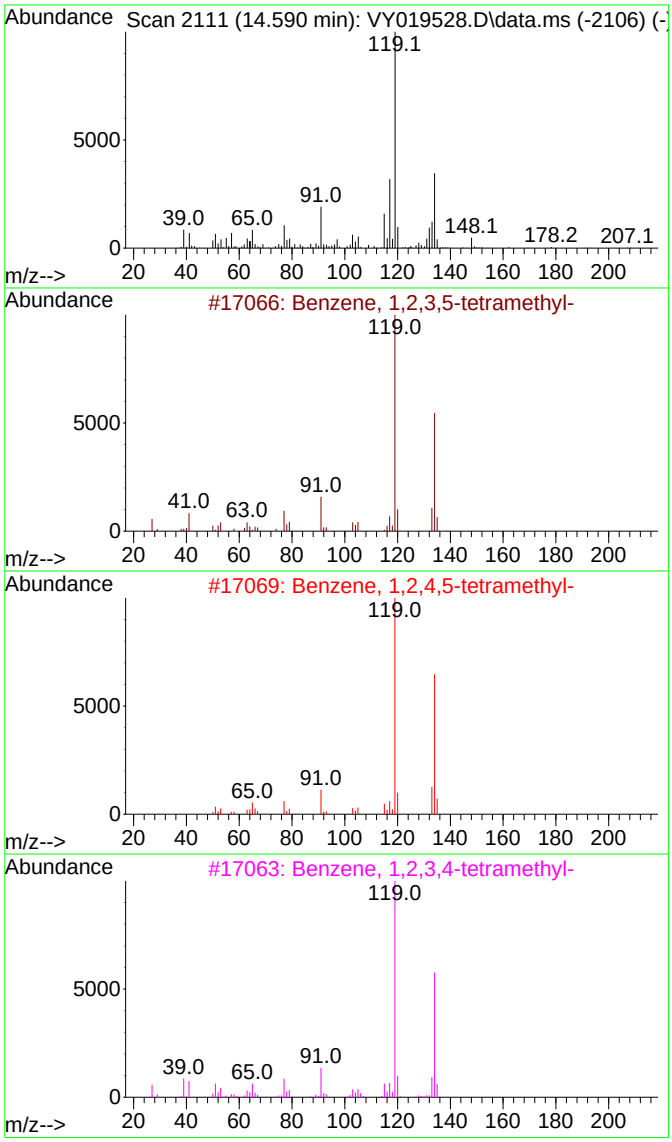
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

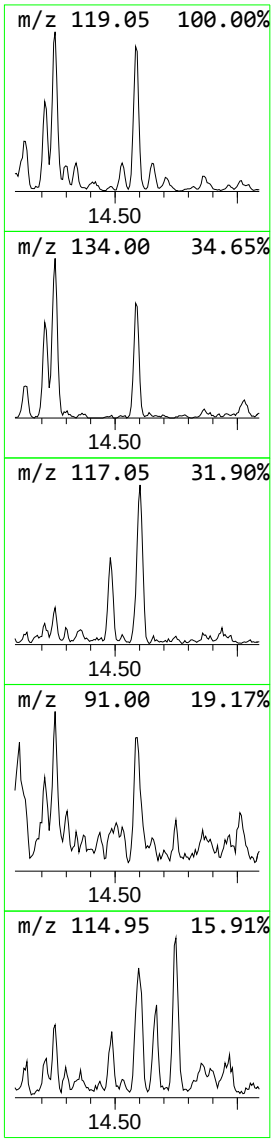
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	12.27 ug/l	288569	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

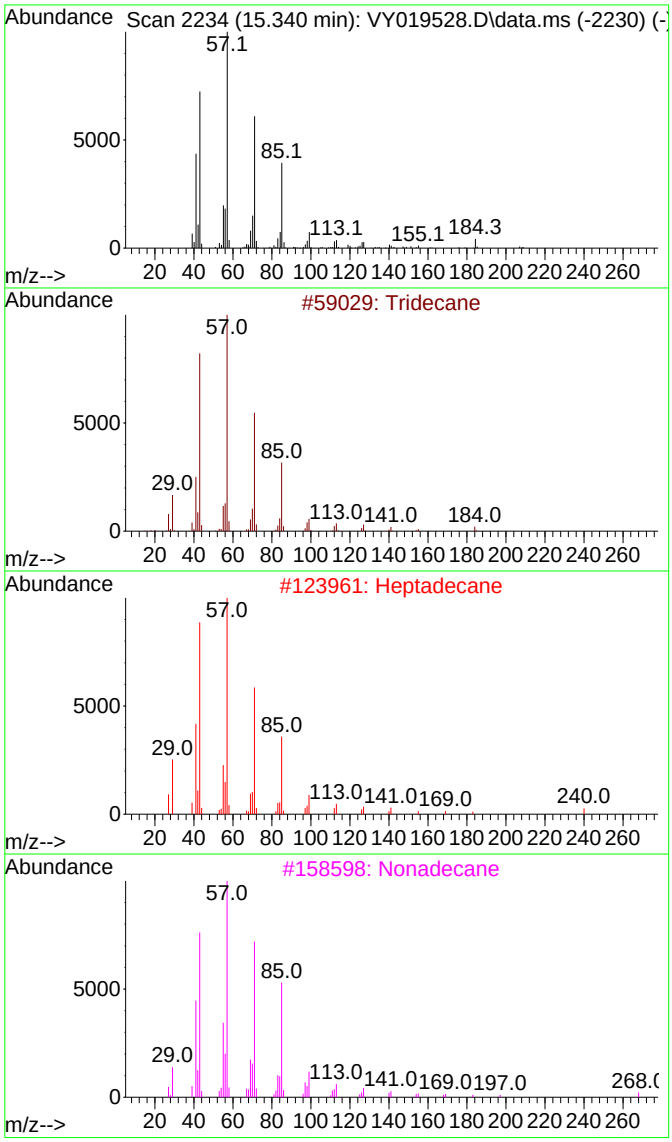
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

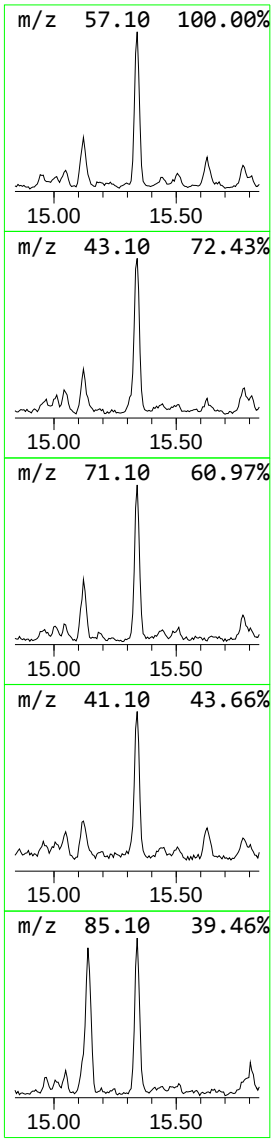
****

Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	11.18 ug/l	262949	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

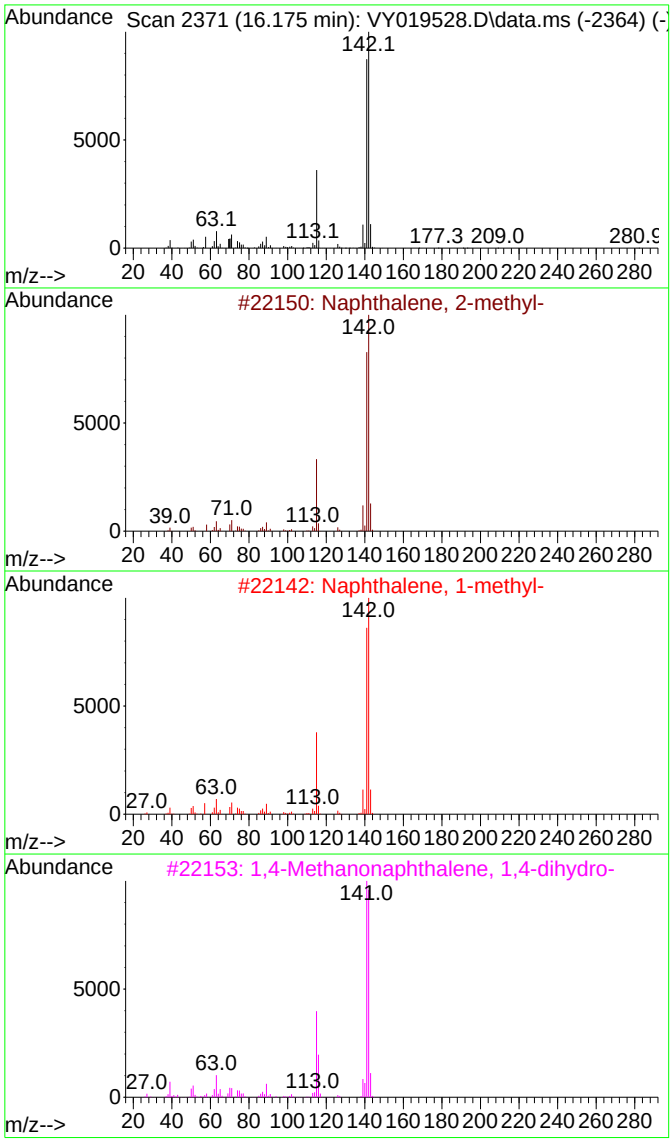
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

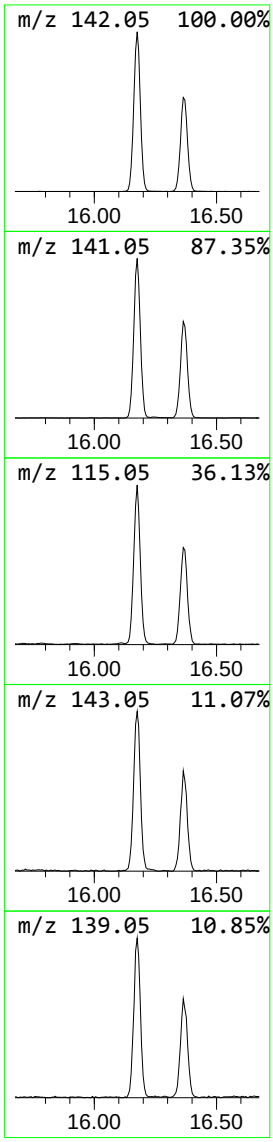
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	65.56 ug/l	1542130	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

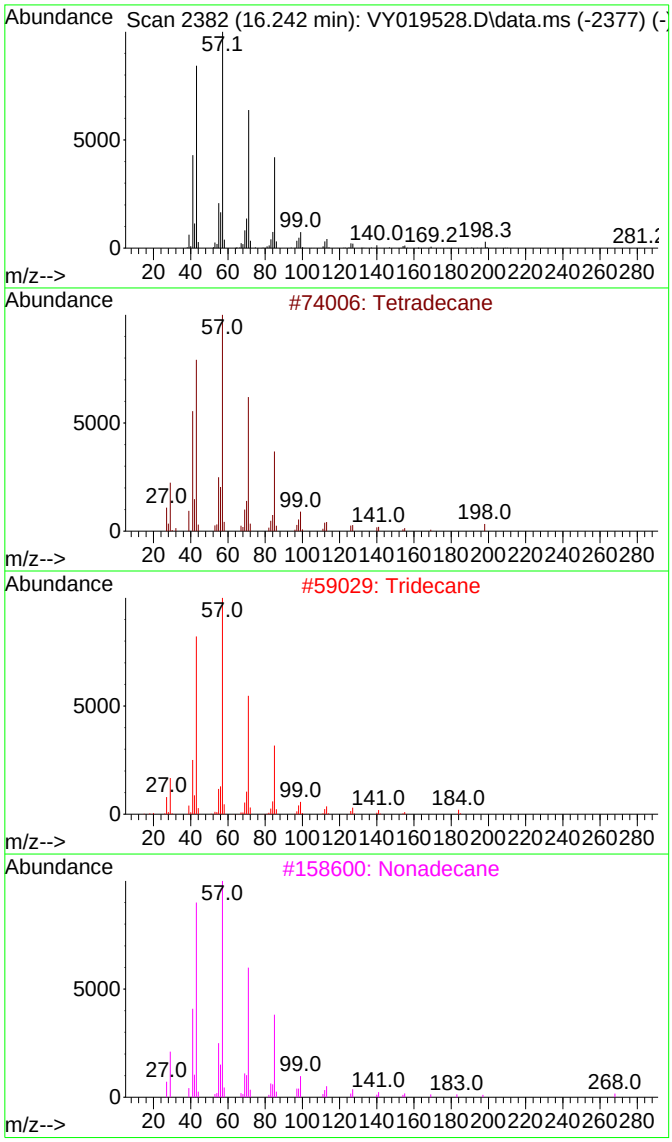
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

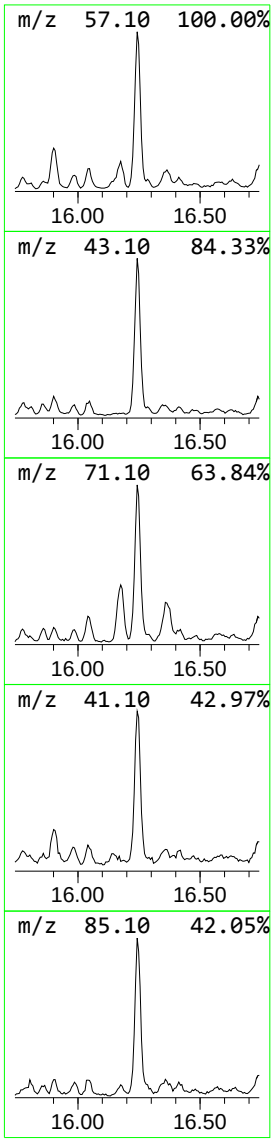
****

Peak Number 9 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.242	19.84 ug/l	466719	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

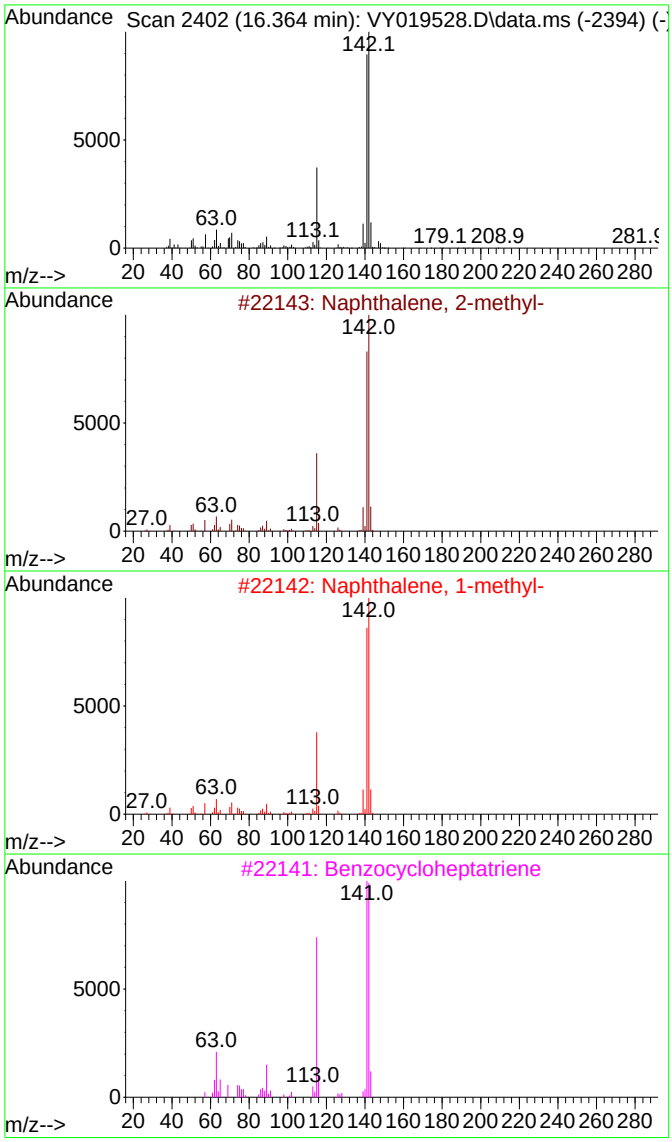
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

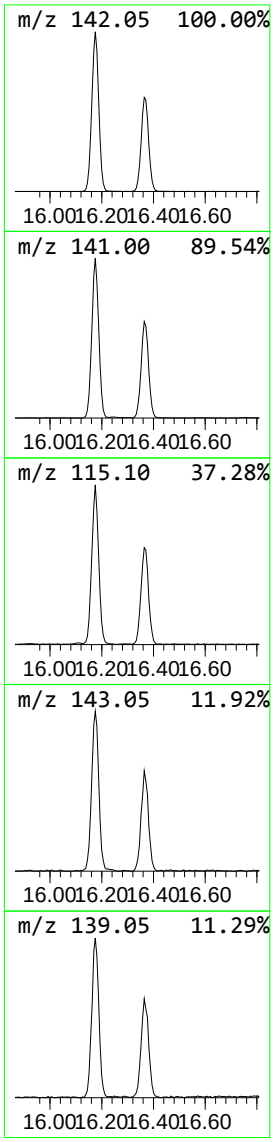
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	49.41 ug/l	1162200	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019528.D
Acq On : 12 Sep 2024 15:24
Operator : SY/MD
Sample : P3911-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.824	14.1	ug/l	294728	1	7.707	1042270	50.0
1-Propene, 2-me...	2.172	24.0	ug/l	499674	1	7.707	1042270	50.0
Benzene, 1-ethy...	12.658	15.0	ug/l	352822	4	13.346	1176150	50.0
Indene	13.724	27.6	ug/l	649716	4	13.346	1176150	50.0
Benzene, 1,2,3,...	14.590	12.3	ug/l	288569	4	13.346	1176150	50.0
Tridecane	15.340	11.2	ug/l	262949	4	13.346	1176150	50.0
Naphthalene, 1-...	16.175	65.6	ug/l	1542130	4	13.346	1176150	50.0
Tetradecane	16.242	19.8	ug/l	466719	4	13.346	1176150	50.0
Benzocyclohepta...	16.364	49.4	ug/l	1162200	4	13.346	1176150	50.0